Earthquake disaster and land conservation
10 years after Great Hanshi-Awaji earthquake and during the Nankai-Tounankai earthquake resistant investigation, a large earthquake occurred at Chuetsu, Niigata prefecture. The effects of the forestry on earthquake disaster prevention are verified and the high functionality of the forests during earthquake is discussed.

Lecturer: Izumi
Content: Observation of the damaged areas and their characteristics based on the landslide investigation after the earthquake disaster at Rokko mountain. Using an air-borne electro-magnetic method to identify the mountains with high potential of failure. Great Hanshi-Awaji re-construction plan based on implemented land reinforcement.

Lecturer: Okimura
Content: Lessons learned from landslides during earthquake, Development of a new reinforcement system to reinforce the natural soil slopes during earthquake using rope nets and rock bolts.